USER MANUAL

HMR4000

dual Digital Tuner Recorder HD Network Media Player

INDEX

1. CONNECTION 3
2. POWER ON / OFF 7
3. THE REMOTE CONTROL 8
4. SETUP 11
5. HOME MENU 14
6. WEB SERVER & BITTORRENT 19
7. A/V STREAMING VIA NETWORK 23
8. A/V STREAMING VIA UPNP-SERVER 23
9. DIGITAL TV (ONLY AVAILABLE ON DTV MODEL) 25

1. Connection

1.1 Connecting the Power Supply

(1) Connect the AC adaptor to the player's DC IN jack

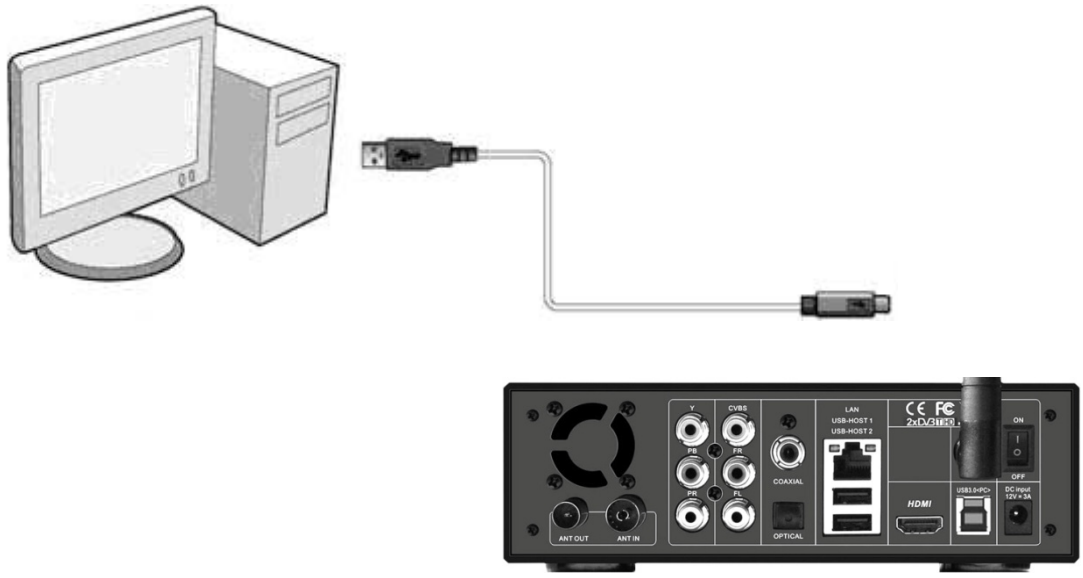
1.2 Connecting to a PC

(1) Make sure the player is powered on;

(2) Plug in the squarish connector of the USB cable to this player's USB DEVICE port;

(3) Plug in the rectangular connector of the USB cable to computer.

In this way, you can manage content on the built-in HDD of the player on your local PC.

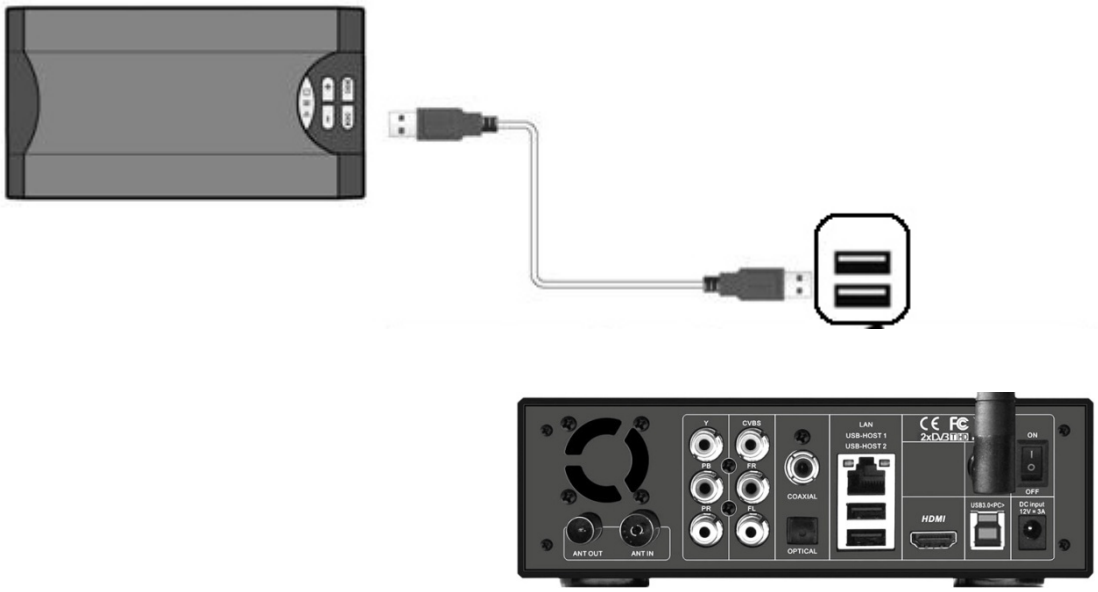


1.3 Connecting a USB Device

(1) Make sure the player is powered on;

(2) Plug in the USB stick or USB HDD etc. to the USB HOST port of this player.

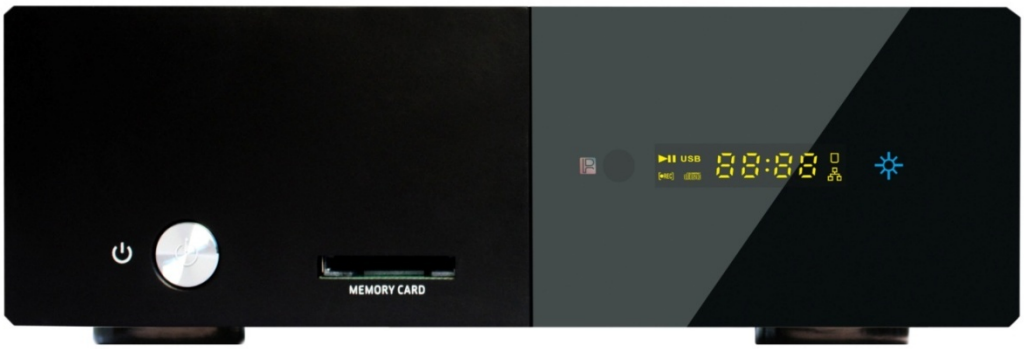
In this way, you can browse contents on the USB device.



1.4 Connecting a Memory Card

Memory card can be used by inserting to the card slot

In this way, you can browse contents on the memory card.



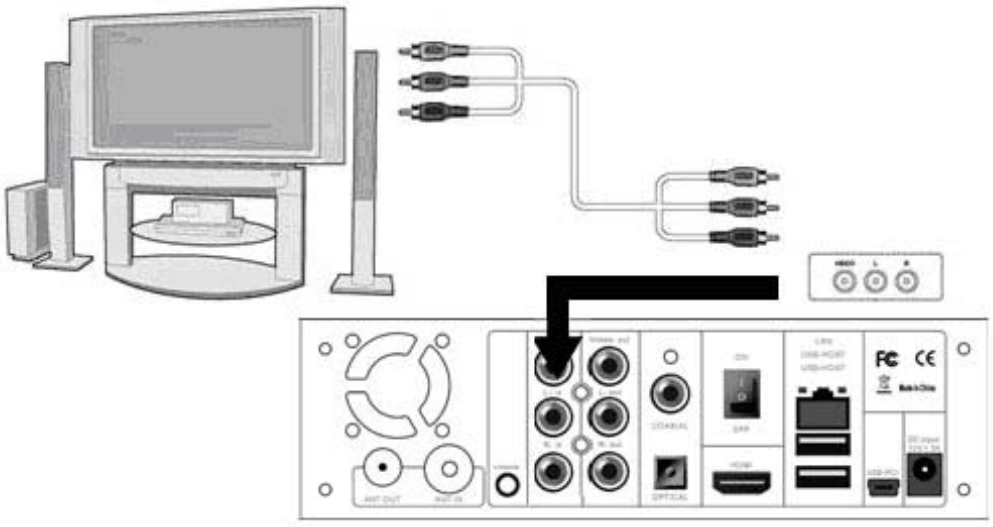
In this way, you can browse contents on the memory card.

1.5 Connecting to a TV

1.5.1 A/V OUT

(1) Plug in the 3 color connector to the player's A/V OUT jack;

In this way, you can enjoy the content in the player on TV or other display devices.



1.5.2 Y/Pb/Pr Component OUT

(1) Plug in the 3 color connector to the player's Y/Pb/Pr jack;

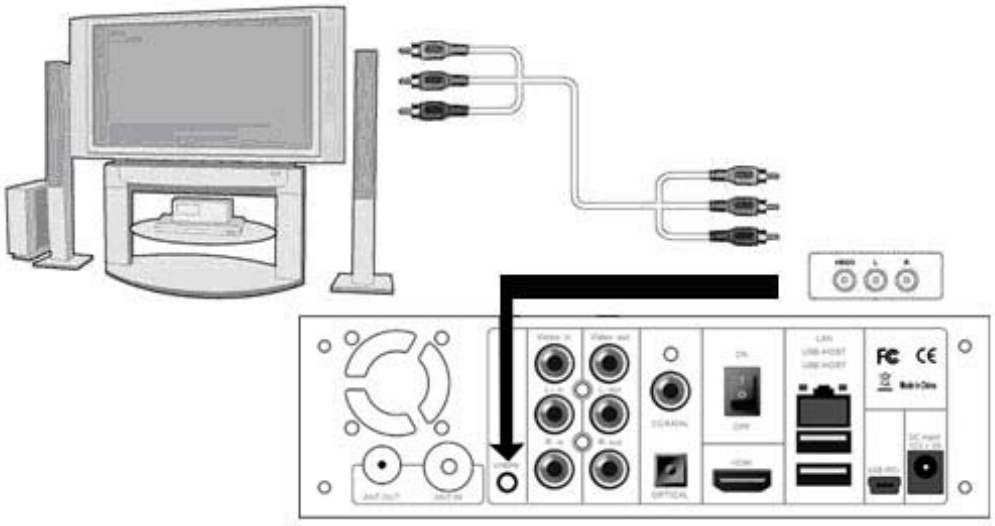
(2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.

Audio Connection while using Y/Pb/Pr Video out:

First method: use the audio output from the A/V OUT jack;

Second method: use the audio output from the S/PDIF Coaxial or Optical jack.

In this way, you can also enjoy videos, music, and photos in the player on TV.

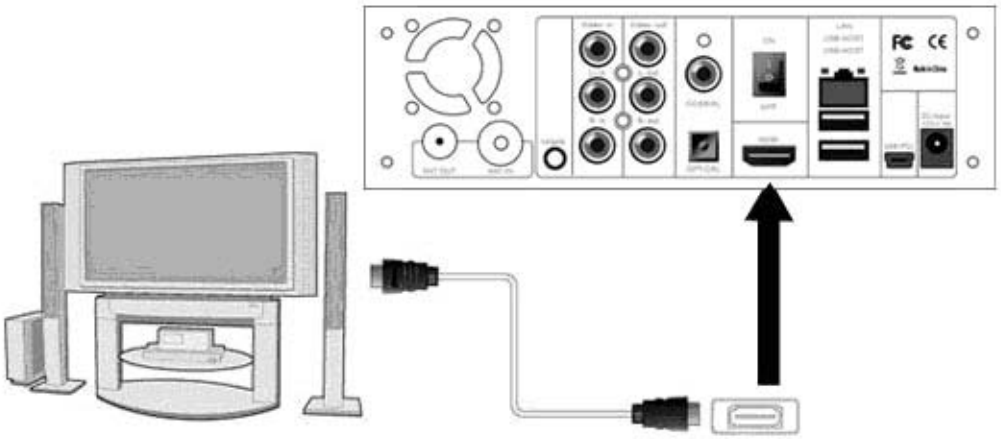


1.5.3 HDMI OUT

(1) Plug in one connector on your HDMI cable to the player's HDMI jack;

(2) Plug the other connector on your HDMI cable to the TV's HDMI jack. **Note**: The HDMI cable is an optional accessory sold separately.

In this way, you can have the highest quality video and audio via a single cable.



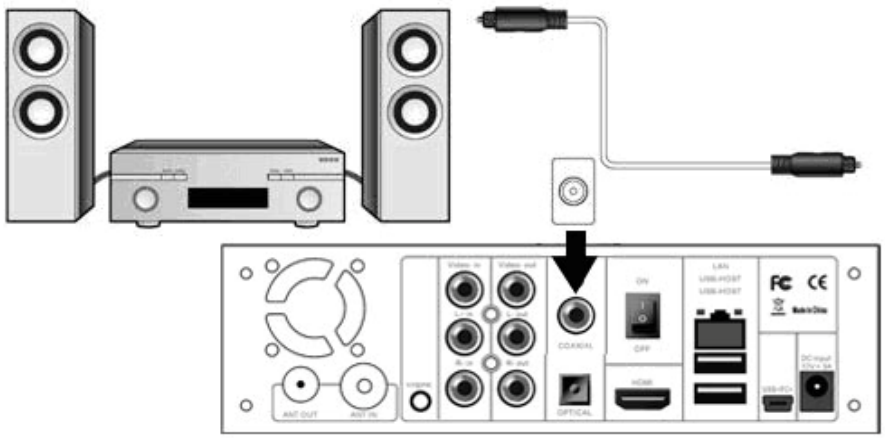
1.6 Connecting to an Digital Amplifier

(1) Plug in the RCA connector on your coaxial cable to the player's S/PDIF Coaxial jack. Or if you use optical fiber, please plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack;

(2) Plug in the other connector on your coaxial cable or optical fiber to the digital audio device (digital amplifier or decoder).

Note: Optical fiber and coaxial cable are not supplied.

In this way, you can enjoy powerful Dolby Digital, DTS, or MPEG sound.

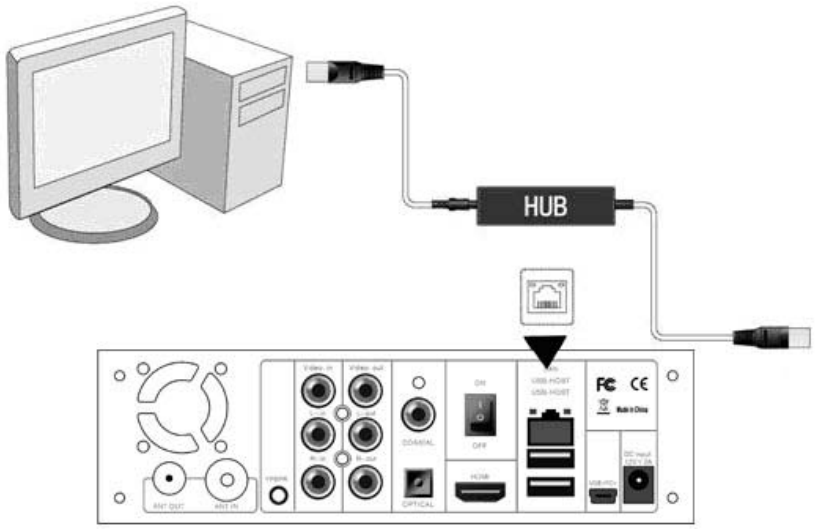


1.7 Connecting to a LAN

To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).

(1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;

(2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.



1.8 Connecting to a WLAN

(1) Make sure the player is powered on;

(2) Plug in the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player, or you could use the intergrated Wifi Antenna

Note: The Wi-Fi Dongle is an optional accessory sold separately.

2. Power On / Off

Power On

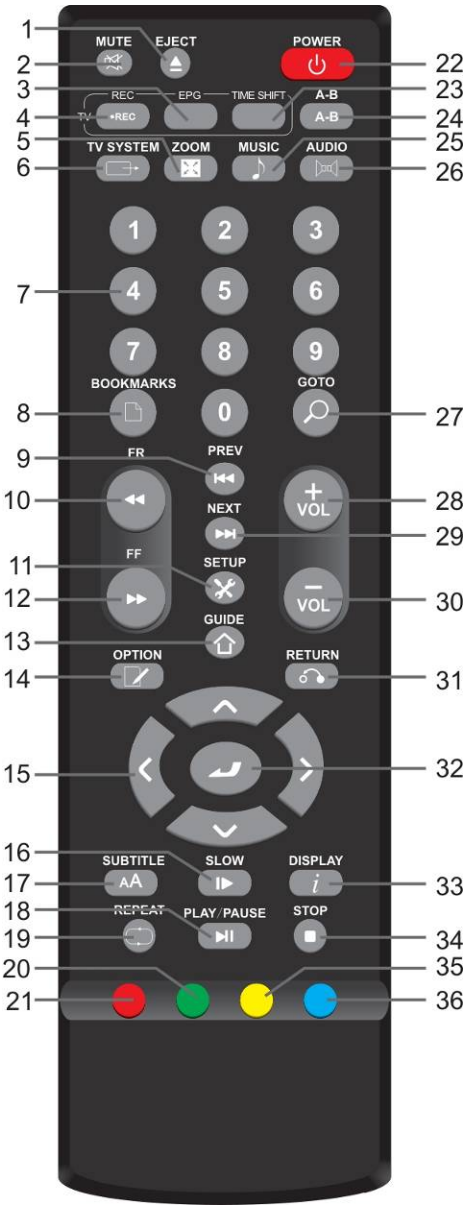
After connecting the DC IN jack and pressing the switch on the back panel, the player will soon enter the home screen, and the power indicator will turn blue.

Power Off

Press the power button on the front panel, the player will soon enter standby mode, and the power indicator will turn red. Then unplug the power cord to cut off the power supply.

3. The Remote Control

All procedures in this manual can be carried out using the remote control buttons.
See the following details and functions of each button:



No.	Name	Function
1	**Eject**	Press to stop storage press and hold for a while to eject disc if DVD-ROM has pluged.
2	**Mute**	Press to mute audio output, and press again to resume.
3	**EPG**	**Only available for DTV Model** Press to view the Electronic Program Guide Press again to back to DTV

4	**REC**	**Only available for DTV Model** Press to record TV program
5	**Zoom**	Press to zoom in/out when playing back photos or Video programs. Photo zoom levels:2X,4X,8X,16X; Video zoom levels:2X,3X,4X,8X.
6	**TV System**	Press to switch between NTSC Interlaced, NTSC Progressive, PAL Interlaced, and PAL Progressive.
7	**Numeric**	Press to enter channel numbers or numeric input when changing settings
8	**Book/Mark**	To add Mark to the file which have already viewed.
9	**Previous**	1. Press to go the prev. on a HDD or USB file when playing music. 2. Press to page up the file list at Browser. 3. When play photo, the button is enable; play Movie and Mp3 file, the button is disable.
10	**FR**	Press to fast rewind the current playback. Press repeatedly to select faster rewind speeds.
11	**Setup**	Press to access the Setup Menu directly to change system settings.
12	**FF**	Press to fast forward the current playback. Press repeatedly to select fast forward speeds.
13	**Guide**	Press to view the Guide menu. See “The Guide Menu” on page 6 for more details.
14	**Option**	Press to select option bar.
15	**Left (Arrow)**	Press the arrow buttons to navigate the menus
	Right (Arrow)	Press the arrow buttons to navigate the menus
	Up (Arrow)	Press the arrow buttons to navigate the menus
	Down (Arrow)	Press the arrow buttons to navigate the menus
16	**Slow Motion**	Press to play back in slow motion. Three motion settings are available. Five slow motion levels (3/4,1/2,1/4,1/8,1/16x) are available. Press to resume regular playback.
17	**Subtitle**	Press to activate available subtitles when play the DIVX file. DivX subtitle supported: SRT,SMI,SUB,SSA format file
18	**Play/Pause**	Press to begin playback of a DVD or HDD title. Press again to pause current playback
19	**Repeat**	Press REPEAT 1 / ALL to set repeat option - Chapter, Title or Off.

20	**Green**	Press to select file or folder to copy, move, rename or delete.
21	**Red**	Press to pop up the file List Menu
22	**Power**	Press to POWER on or off the device
23	**Timeshift**	Only available for DTV model Press to start DTV time shift function
24	**A-B**	Repeat from Point A to point B
25	**Music**	Quick button to Pop up Music file
26	**Audio**	Press to select an audio track on a HDD or USB file.
27	**Goto**	Press to jump to a specific point on the disc or title. Specify the point using Title, Chapter and Time.
28	**Vol+**	Press to increase the volume.
29	**Next**	1. Press to go the next on a HDD or USB file when playing music. 2. Press to page down the file list at Browser. 3. When it plays photos the button is enabling; it plays Movies and Mp3 file, the button is disabling.
30	**Vol -**	Press to decrease the volume.
31	**Return**	Press to return to the previous screen when navigating the menus.
32	**OK**	Press to select confirm in menus.
33	**Display /Info**	Press to view the current channel information.
34	**Stop**	Press to stop playback.
35	**Yellow**	Press during browsing to enter COVER ART MODE. (available only when folder.jpg file is available in the video folder) Press when prompt to access other options.
36	**Blue**	Press during browsing to enter POSTER VIEW MODE (available only when poster.jpg file is available in the video folder) Press when prompted to access other options.

4. Setup

System Setup

Menu Language	Use navigation buttons to select and press ‘OK’ button to enter into the multi-language list to select the language, Press ‘OK’ button to confirm.
Text Encoding	Use navigation buttons to choice the different encoding, press ‘Up’ and ‘Down’ buttons to select item, press ‘OK’ button to confirm.
Time	Use navigation buttons to select item, to adjust the value of year, month, day, hour, minute, second ...
R/RW Auto-Play	If your system has plugged in DVD-R/RW loader, to enable this auto play option. Press ‘OK’ button to enter the confirmation screen, select 'Yes' or ‘No’ press ‘OK’ button to confirm.
Screen Saver	This setup is to enable or disable the screen saver function. Use ‘Up’ and ‘Down’ buttons to select "On" or "Off". Press ‘OK’ button to confirm.
DLNA DMR	This setup is to enable or disable the DLNA DMR function. Use ‘Up’ and ‘Down’ buttons to select "On" or "Off", press ‘OK’ button to confirm your decision.
Device Name	If you enable DLNA DMR function, please fill in the device name which can be used as identification in LAN.
MiniKBD Language	To select language of on screen Mini Keyboard
Scan storage	This item is to set the scan mode of the storage detection. • Auto scan on /Auto scan off/Resume scan/Stop scanning storage/Do not scan the storage.
Resume Play	The device support video resumes play function. This item is to enable or disable the resume play function.
Format	The device supports hdd format into ext3 by its owned software.
BD Navigation	The device supports BD Navigation

Factory Default	To default factory setting

Audio Setup

Night Mode	This item is to select Open/Close the night mode to reduce the sound
HDMI Output	This setting is optional HDMI Audio on the output mode, including • LPCM – Linear pulse code modulation two channel • LPCM Multi-Channel - Linear pulse code modulation Multi-Channel • RAW – Audio Raw data.
SPDIF Output	This setting can choose the Audio SPDIF output modes, including • LPCM – Linear pulse code modulation two channel • RAW – Audio Raw data.
Surround Sound	Don't care /AC3/ TrueHD7.1
TRUEHD/DTS-HD	TrueHD 7.1 SPDIF 5.1

Vedio Setup

Aspect Ratio	This setting can choose the ratio of the screen, including • Pan & Scan 4:3 - 16:9 picture in 4:3 screen mode which adjust the ratio to meet 4:3 • Letter Box 4:3 - 16:9 picture in 4:3 screen mode which leave the black side in up and down. • 16:9 • 16:10
TV System	This item can choose TV system, options include • NTSC • PAL • 480P • 576P • 720P 50Hz • 720P 60Hz • 1080i 50Hz • 1080i 60Hz • 1080P 50Hz • 1080P 60Hz
Video Zoom	This item is able to select video zoom in/out function.
1080P 24HZ	If the TV supports 1080P 24HZ, you can turn on this option.
Deep Color	HDMI COLOR bit setting

TV&REC Setup

TV Region	This item is to set the TV Region; you can choose where the area or country is.
Channel Scan	This item is a digital television channel scan and it saves channel information
Auto Scan	If you select '**Auto Scan**', it will scan TV channel automatically. Press 'OK' button to start the channel scan, when the scan is complete, it will display the number of channels, Pressing 'OK' button go to next setup.
Manual Scan	There are three items should be setup, they have different range depending on the TV region ●Channel ●Bandwidth ●Frequency
Channel Set	If there is a channel that you don't want to have, you can delete it by 1. Selecting channel number that you want to delete, and then press 'OK' button, shown in Figure 2. Select **Yes** and press 'OK' to confirm the action 3. Back to Channel Set menu, you will see this channel **Delete Status** with '**Yes'**
REC Device	User can set the record file save to which storage, there are ●HDD ●USB **Remark :USB storage only available on the USB2.0 Player .**
REC priority	User can select the record priority by ●Manual REG ●Schedule REG
Format	User can format the internal (if it has) or external (USB, SATA…) storage (HDD) by using this option.

NetWork Setup

Wired Lan Setup	There are two modes to set the network IP: DHCP IP (Auto) - dynamical assigns IP addresses to devices on the network. FIX IP (Manual) - manual configuration IP address.
FIX IP (Manual)	To configure IP manually, select FIX IP (manual), and press OK button to enter the setup menu In Fix IP (Manual) menu, use the arrow 'Left' and 'Right' buttons to select items and use the arrow 'Up' and 'Down' buttons to adjust the value. Press 'OK' button to enter the confirmation screen, select 'Yes' and press 'OK' button to confirm.
PPPoE Setup	If you have applied ADSL service from ISP, you should set up the PPPoE.
Network Info	Show the Current wired /wireless Network IP info

BT	Turn on/off BT
Samba	Turn on/off Samba
BT&Samba safety	When you visit Neigbor Web, User Name and Pass word will be needed. User Name :admin (Unchangable) Password:123 (it can be changed)
REC priority	User can select the record priority by ●Manual REG ●Schedule REG
Format	User can format the internal (if it has) or external (USB, SATA…) storage (HDD) by using this option.

System Upgrade

Version info	Show the current Version info
USB up-grade	Select to update the firmware via USB stick. 1) Copy 'install.img' to the root directory of a USB stick, and connect it to the USB HOST port of the player. 2) Go to Setup--→**System upgrade** 3) Press **ENTER** to confirm

5. Home Menu

Home Menu is the main function of the system and the classification of the major projects, shown in Figure

At **Home Menu,** use the navigation buttons 'up' and 'down' to select each item, to enter the item please press 'OK' button. Each item is described below.

5.1 DTV (Only available for the DTV model)

Enter Into Digital TV

5.2 File Manager

The File Manager allows you to browse and play music, photo and movie files stored on a HDD or an external USB device, DVD disc, etc.

5.3 Movie

Only Movies files are shown in screen

5.4 Music

Only Music files are shown in screen

5.5 Photo

Only Photo files are shown in screen

5.6 Internet

Enter into internet Media service screen to choose favorable internet Media/Audio/Photo service.
Web browser was integrated, please go to real pilot ->press optional Key, you could use tooling bar for searching.

5.7 Setup

Enter to setup system, Audio, Video, Network & MISC.

You can use the following buttons when you surf on the File manager or on the menu of music, photos or movies.

Button	Function
UP / **DOWN**	Select filter options: **All, Music**, **Photos**, and **Movies**.
LEFT / **RIGHT**	Move cursor **LEFT** / **RIGHT** to select devices, folders, or files.
PREV / **NEXT**	Go to previous / next page.
ENTER	Enter or confirm the selected item.
CONFIRM	Add the selected files to the playlist.
RETURN	Return to the previous menu.
Option	Press 'Option' button to pop up **Option** window which can switch the browsing file mode, including • Thumbnail • List • Preview • All Media

	• Movies • Photos • Music
Green	Press ‘Green’ button to pop up **File Editing** window, there are items that do file handling operation, including • Copy • Delete • Move • Rename • Send to Buddy • Multiple Select
Red	Press ‘Red’ button to pop up the file list Menu

5.8 Create New Playlist

This player supports the playlist function, which allows you to add your favorite contents on local HDD to the playlists (Music, Photos) and enjoy them at any time.

Remark: Please, make sure your HDD have been formatted by player.

Music -> Press ‘Red’ button -> Save Playlist

If you want to create a new audio playlist please follow these steps:

Note: Unlike Music file browser, Movies file browser **not** support to create a new **playlist**

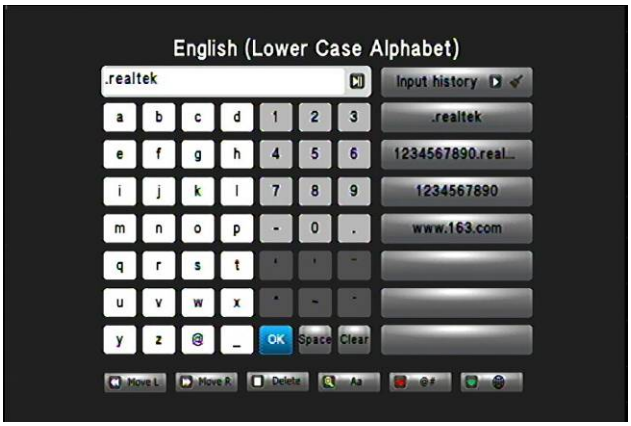
1. In File List window, please follow the instructions below the screen, select files to **"File List"**, and press ‘Left’ button to change focus on ‘File List’

2. Press “ play/pause” to add the file to the list

3. Press ‘Green’ button to pop up “**Multi-File Editing**’ window, select ’**Save Playlist’**, press ‘OK’ button to confirm.

4. If you want to rename playlist file, please select '**Rename'** and press 'Ok' button to confirm it. A 'Mini Keyboard' will pop up to edit file name.

5. Please follow the instruction below the screen, fill the playlist file name in **Edit Bar**. Select **Edit Bar** or **OK pattern** press 'Ok' button to confirm



6. Select **OK pattern and** press 'OK' button to confirm. It will back to 'File List', press 'Green' button select '**Exit'** to complete the operation.

5.9 Create Photo Album

Photo -> Press 'Red' button -> Create Photo Album

If you want to create a new photo album please follow these steps:

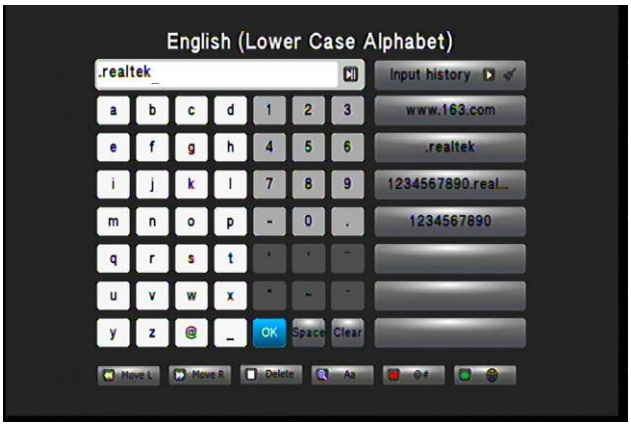
1. In File List window, please follow the instructions below the screen select files to **"File List"**, and press 'Left' button to change focus on 'File List'

3. Press 'Green' button to pop up "**Multi-File Editing**' window, select '**Create Photo Album'**, press 'OK' button to confirm.

4. If you want to rename playlist file, please select '**Rename'** and press 'Ok' button to confirm it. A 'Mini Keyboard' will pop up to edit file name.

5. Please follow the instruction below the screen fill the playlist file name in **Edit Bar**.

Select **Edit Bar** or **OK pattern** press 'Ok' button to confirm



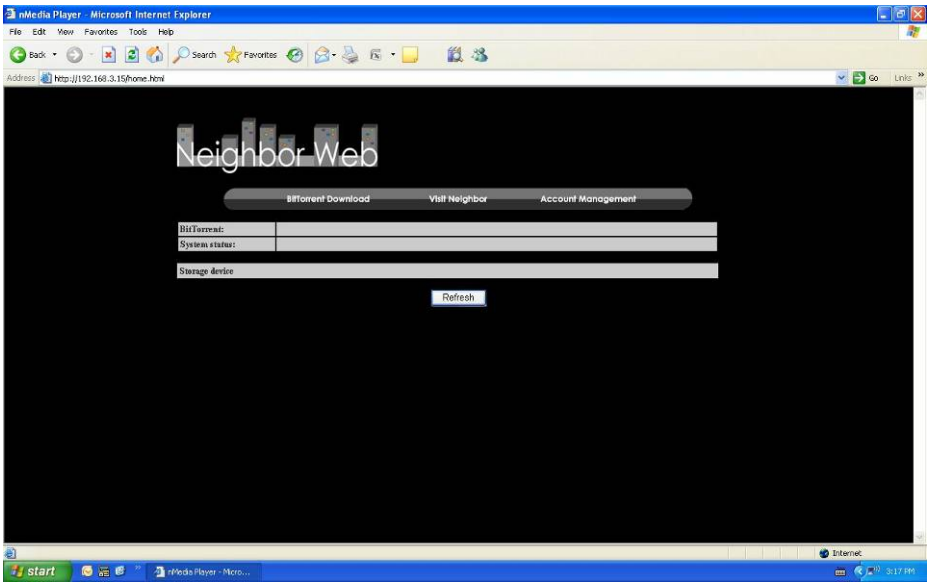
6. Select **OK pattern** and press 'OK' button to confirm. It will back to 'File List', press 'Green' button select '**Exit'** to complete the operation.

6. Web Server & BitTorrent

6.1 Web Server (unicgi)

A Web server called 'Neighbor Web' has been integrated into the player.

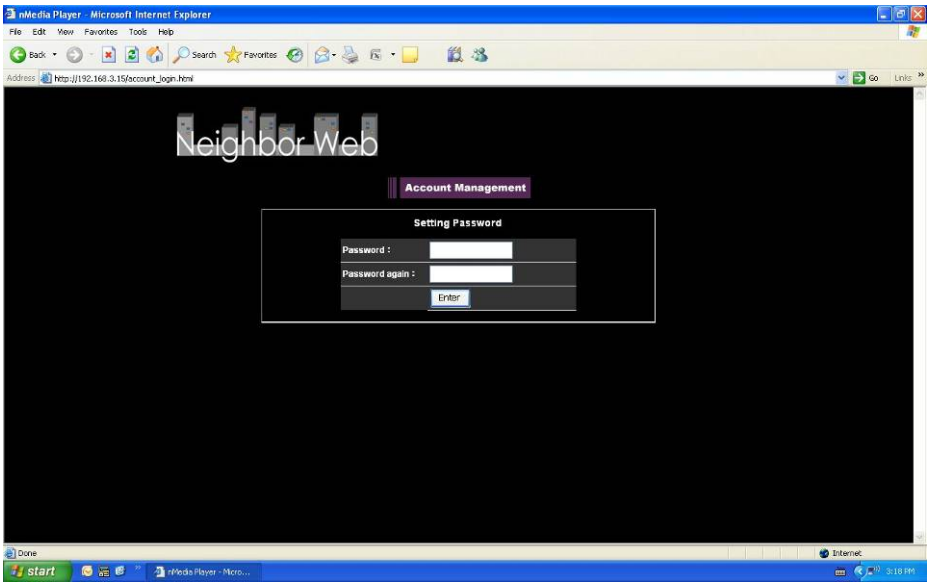
- Connect the player to your home network (LAN or WLAN).
- Get the IP address of the player under **SETUP** -> **NETWORK** menu.
- Type the IP address (e.g., 192.168.3.15) in the address bar of Internet Explore on your PC.
- Then you can access the Web server on your PC.



Note: Please turn on BT&Samba

6.2 Account Management

- Click **Account Management** on the home page of Neighbor Web.



- This page allows you to set a password for accessing Neighbor Web.

Note:

- Password will become effective when Login Control is turned on.
- The default user name is ‘admin’, and the default password is ‘123’.

6.3 Visit Neighbor (samba)

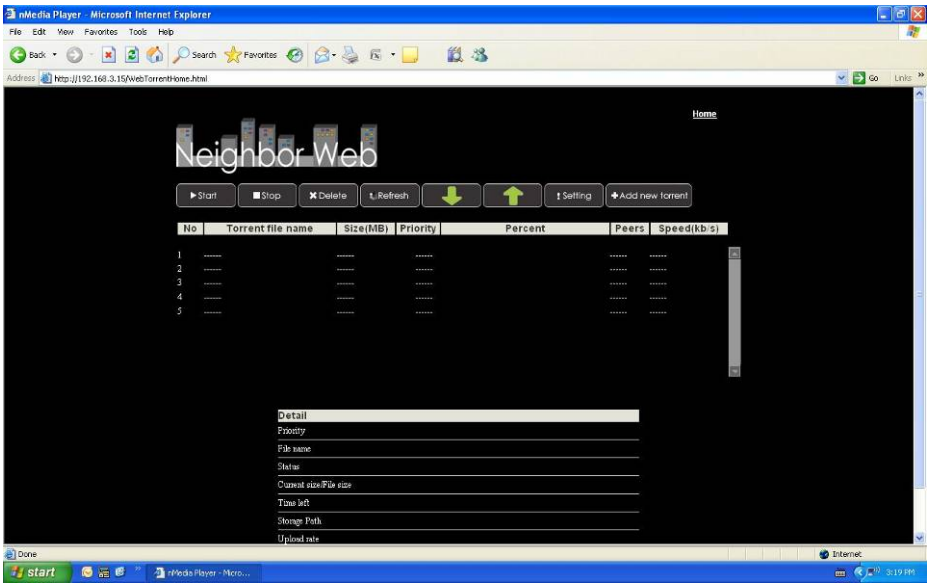
- Click **Visit Neighbor** on the home page of Neighbor Web.
- Then you will be able to browse, edit, and copy files to / from the local HDD of the player.

6.4 BitTorrent Download (btpd)

BitTorrent is a peer-to-peer file sharing protocol used for distributing large amounts of data on the Internet. A BitTorrent utility (btpd – BitTorrent Protocol Daemon) has been integrated into the player

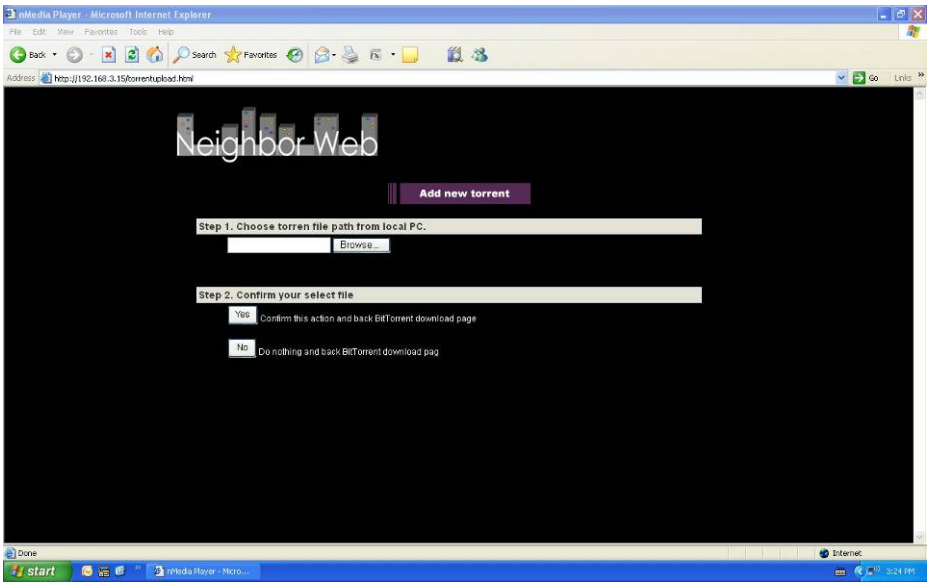
The BitTorrent client btpd is running in daemon (a process running in the background) mode and you can manipulate the process via the Web server.

- Click **BitTorrent Download** on the home page of Neighbor Web, then you will enter the BitTorrent Download page.



6.4.1 Add new torrent

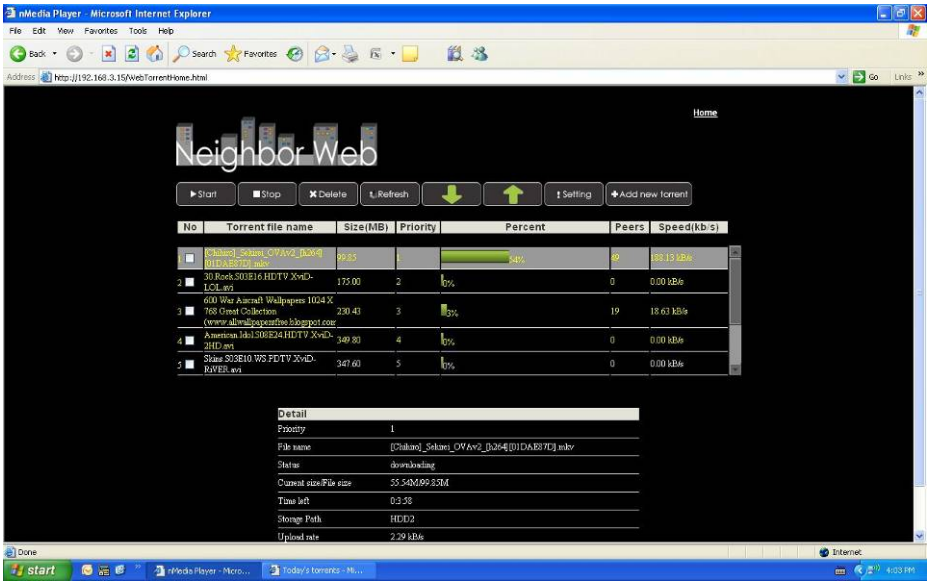
- Click **Add new torrent** on the BitTorrent Download page.


nMedia Player - Microsoft Internet Explorer
Neighbor Web
Add new torrent
Step 1. Choose torren file path from local PC.
Browse...
Step 2. Confirm your select file
Yes
Confirm this action and back BitTorrent download page
No
Do nothing and back BitTorrent download pag

- Click **Browse** to upload a torrent file, and click **yes** to confirm.

6.4.2 Managing the downloads

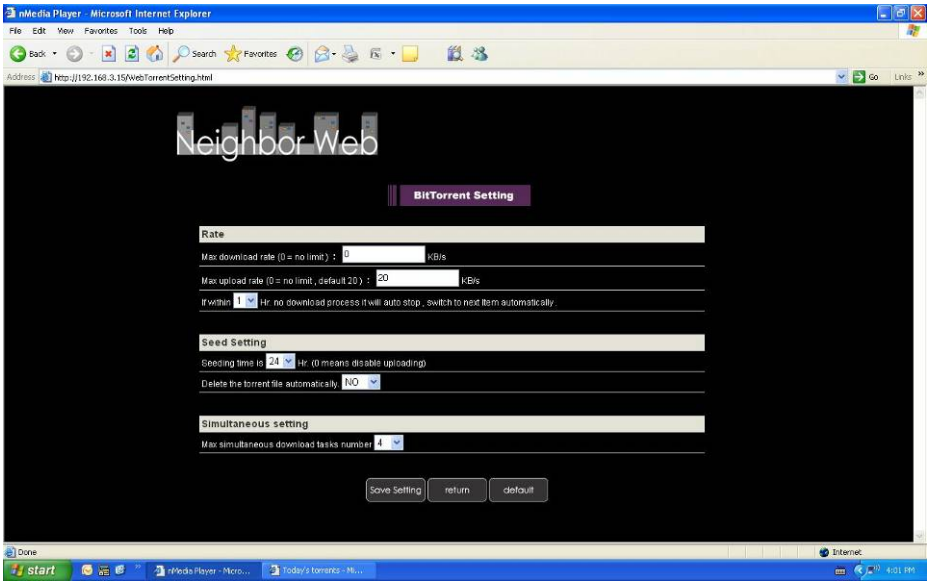
The BitTorrent Download page also allows you to start, stop, delete torrents, and set priorities for torrents, as well as view the status of current torrents.



- Click **Start** to begin download.
- Click **Stop** to stop download.
- Click **Delete** to delete the selected torrent.
- Click **Refresh** to refresh the current status.
- Click **Down** arrow to decrease the priority for the selected torrent.
- Click **Up** arrow to increase the priority for the selected torrent.

6.4.3 Settings

- Click **Setting** on the BitTorrent Download page to enter the BitTorrent Setting page.


nMedia Player - Microsoft Internet Explorer
Neighbor Web
BitTorrent Setting
Rate
Max download rate (0 = no limit) :
KB/s
Max upload rate (0 = no limit, default 20) :
KB/s
Hr. no download process it will auto stop , switch to next item automatically .
Seed Setting
Seeding time is
Hr. (0 means disable uploading)
Delete the torrent file automatically.
Simultaneous setting
Max simultaneous download tasks number
Save Setting
return
default

In the BitTorrent Setting page, you can configure the following settings.

- Set the maximum download rate.
- Set the maximum upload rate.
- Set the idle hours to start the next download automatically.

- Set the seeding hours.
- Set to delete the finished torrent files automatically or not.
- Set the maximum number of simultaneous download tasks.

7. A/V Streaming via Network

You can stream the media files shared on the home network (Ethernet or WLAN). There are two ways to locate media files shared on your local network in the **Network** menu. One is to browse through workgroup; the other way is to browse through '**My_Shortcuts**'.

7.1 Browsing through Workgroup

You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press the **ENTER** button to confirm. Then you can select and play the shared media files that you want to browse.

Note:

- While it's browsing high definition video files (resolution up to 720p / 1080i / 1080p) via Ethernet or WLAN, the video might be buffering. It is normal due to the limit of network speed or signal strength.
- Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use '**My_Shortcuts**' to browse shared files.

7.2 Browsing through 'My_Shortcuts'

You can also set '**Specific File Server IP**' and access it from '**My_Shortcuts**' in the menu.

- Press the **MENU** button and a popup menu appears.
- Select **Add** to open a popup menu where you can input **Label**, **Net User ID**, **Net Password**, **Domai**n, **Host Name**, and **Specific File Server IP**. Select **OK** to confirm, **Cancel** to cancel, and **Simple** / **Detail** to switch between simple and advanced options.
- Select the shortcut that you've added and press the **ENTER** button to confirm. Then, you can select and play the shared media files on the destination computer.

8. A/V Streaming via UPnP-server

A built-in UPnP (Universal Plug and Play) client has been integrated on the system, which enables the player to auto-detect UPnP Media Servers on the network to browse and stream media files from them.

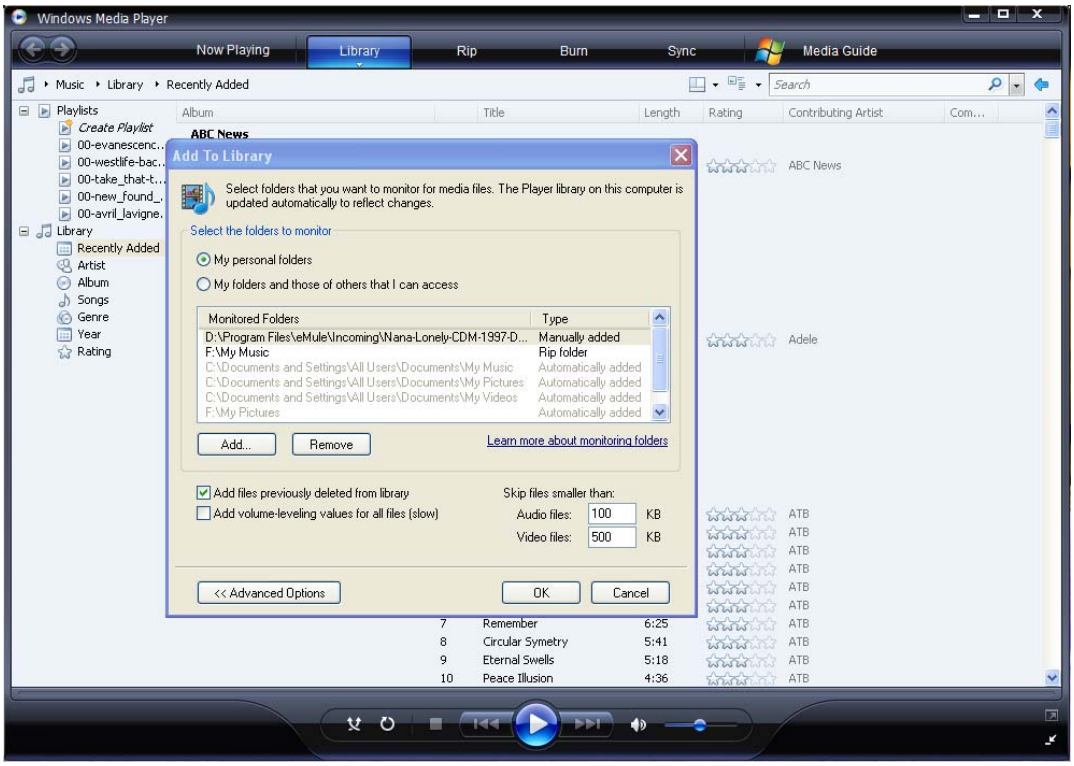
8.1 Installing UPnP Media Server on your PC

There're a lot of free and commercial UPnP Media Server software, such as Windows Media Connect, Windows Media Player 11, XBMC Media Center (Linux/Mac/Windows), MediaTomb (Linux), etc. Please install one of them on your computer. In the following chapters, we will take Windows Media Player 11 on Microsoft Windows XP SP2 for an example.

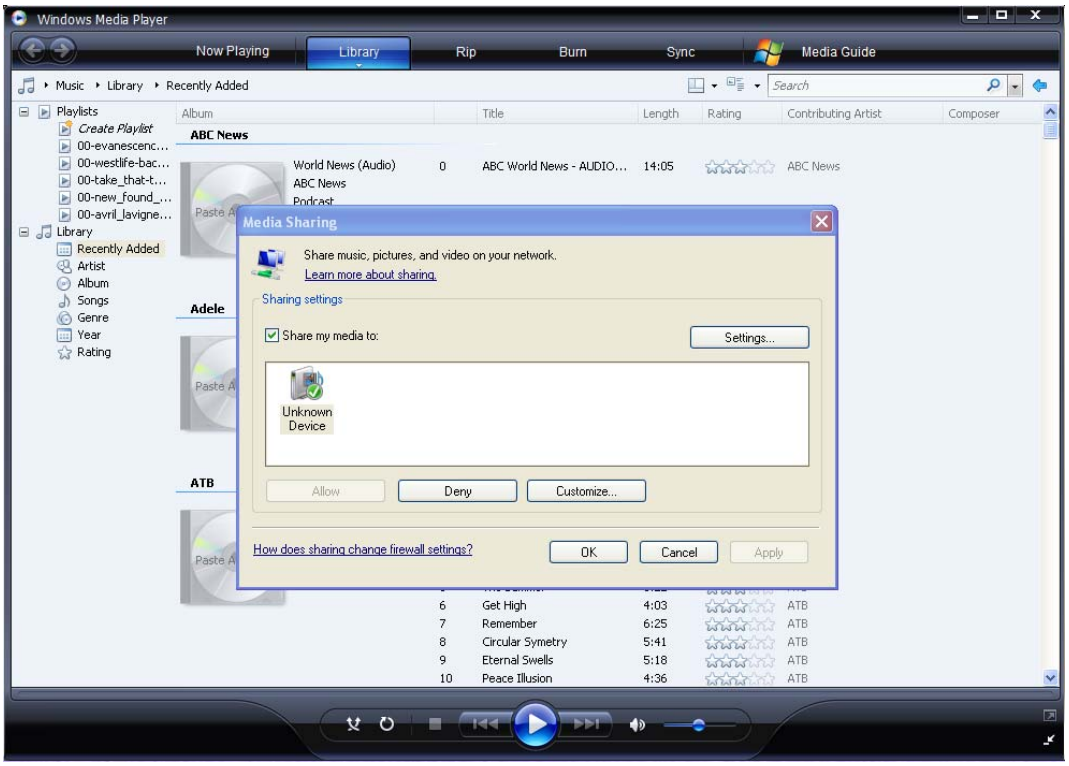
8.2 Sharing Media on your PC

The Media Sharing feature of Windows Media Player 11 lets you enjoy the contents of your Windows Media Player library from anywhere in your home.

- Open Windows Media Player 11, click **Library** -> **Add Library** -> **Advanced Options** to add or remove media files from the library.



- Click **Library** -> **Media Sharing**, then you can allow or deny devices to access the media library. Click **Allow** to authorize your player.



8.3 Streaming Media on your Player

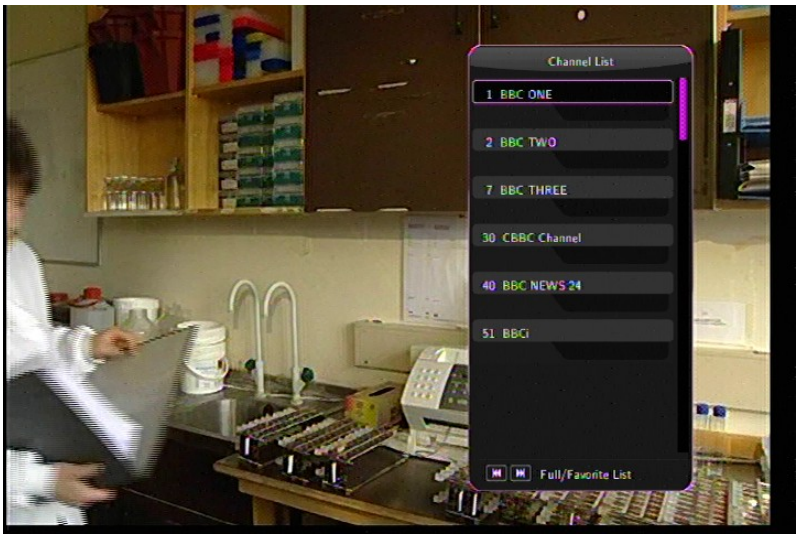
- Connect your player to the home network (LAN or WLAN).
- Visit **Browse**r - > **UPnP** menu on the player, select the UPnP-server, and press **ENTER**.
- Then you can browse the media library shared by Windows Media Player 11.

Note:

- Make sure your player and your computer are on the same local area network and subnet.
- Firewalls may prevent your player to communicating with your computer. Please open the ports manually and add your player to the 'trusted' list, or disable the firewall temporarily.

9. Digital TV

This device supports digital TV signal (DVB-T TV system) reception and display. If you connect digital TV antenna cable you can scan all the channels received by digital signals. System will save the channel information and will provide DTV-related functions, such as switching channels or shows channel information, etc.



General TV Operation

The remote controller provide general DTV operation, user can easily use these functions.

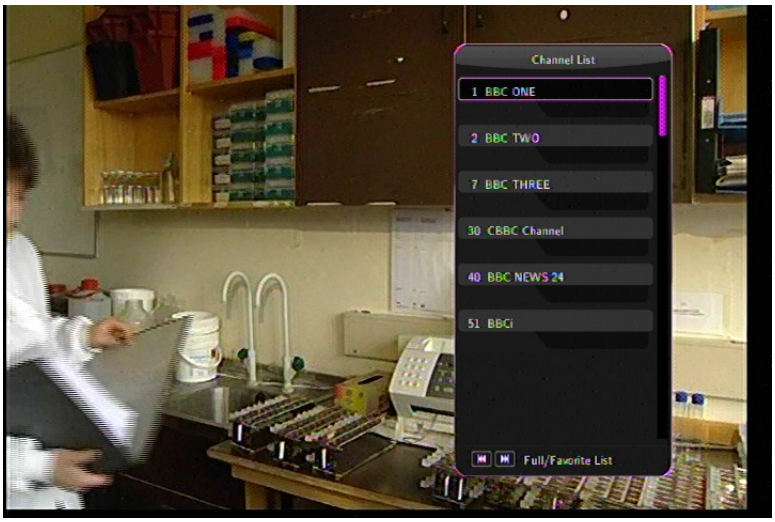
Switching Channel

1. You can press Numeric buttons to switch the channel directly, or press the arrow 'Up' or 'Down' to increment or decrement channel number.

You can switch channels by pressing ‘Numeric’ or the arrow ‘Up’ or ‘Down’ button, channel information will be shown in the bottom of the screen and it will disappear after five seconds

2. In additional, you can switch channel by using ‘OK’ button which will show the list of channels.

Press ‘Up’ or ‘Down’ buttons to switch items, and then press ‘OK’ button again to confirm



3. Press‘Return’ button to return to previous channel that you have selected before.

Volume

To adjust the volume, please press the 'Vol +' to Volume Up or press 'Vol'- to Volume Down

Zoom In image

You can zoom in the screen image by using 'Zoom' button. There are 2x, 3x, 4x, 8x four options selected.

Show Channel information

If you want to show the channel information, you can press 'Info' button to view the information.

DTV Feature Setting

The system supports several DTV features:

TV System

Pres 'TV System' button to choose TV system immediately, options include

- NTSC / PAL /480P /576P/720P 50Hz/720P 60Hz/1080i 50Hz/1080i 60Hz/1080P 50Hz/1080P 60Hz

If you press 'Zoom' button continuously in one second, the system will change settings but it's not a real change, if you release button for one second it will transform TV system.

EPG

Electronic **P**rogram **G**uides provide users of television with continuously updated menus displaying scheduling information for current and upcoming programming.

EPG
2005/07/20 13:12 Wed
2 BBC TWO
N/A
5S
14:00-14:50 The Future Is Wild
14:50-15:00 The Flying Gardener
15:00-15:30 Country Cops
15:30-16:30 Living in the Sun
16:30-17:15 Ready Steady Cook
New World: 200 Million years in the future, just a few life forms had survived. Free from old pressures and competition, they have evolved into strange and bizarre creatures
Schedule REC
Exit

Recording Program

If user has attached the storage device then you can record the TV program using record function by press 'REC' button. There are three record modes.

Immediate Recording

In full screen viewer of DTV channel, press 'REG' button directly.

If user press 'REC' button again within three seconds, it can choose the total recording time, including 30, 60, 90, 120, 180, 240 min and off options.

If you want to stop recording, press 'Stop' button to get the action.

EPG Scheduled Recording

In DTV channel mode, press 'EPG' button to enter the EPG window and select the program that you want to record, pressing 'REC' button to set scheduled recording

EPG
2005/07/20 13:12 Wed
2 BBC TWO
N/A
SS
14:00-14:50 The Future Is Wild
14:50-15:00 The Flying Gardener
15:00-15:30 Country Cops
15:30-16:30 Living in the Sun
16:30-17:15 Ready Steady Cook
New World: 200 Million years in the future, just a few life forms had survived. Free from old pressures and competition, they have evolved into strange and bizarre creatures
Schedule REC
Exit

Timer Scheduled Recording

There is a **Timer Scheduled Recording** supported in this system

Timeshift

User can stop the DTV program using **Time Shift** function by pressing 'Timeshift' button. When 'Timeshift' button is pressed, system will stop and record the TV program in background, if you want to play the program again, press 'Play' button to resume the program. By the way, user can press 'Stop' button to stop **Time Shift** function.
When the system is in **Time Shift** mode, it could regard the state as during video playback, user can do the function such as '**Pause**' '**Fast Forward**', '**Fast Rewind**' .. Etc, please refer to next section.

Play Recorded Video file

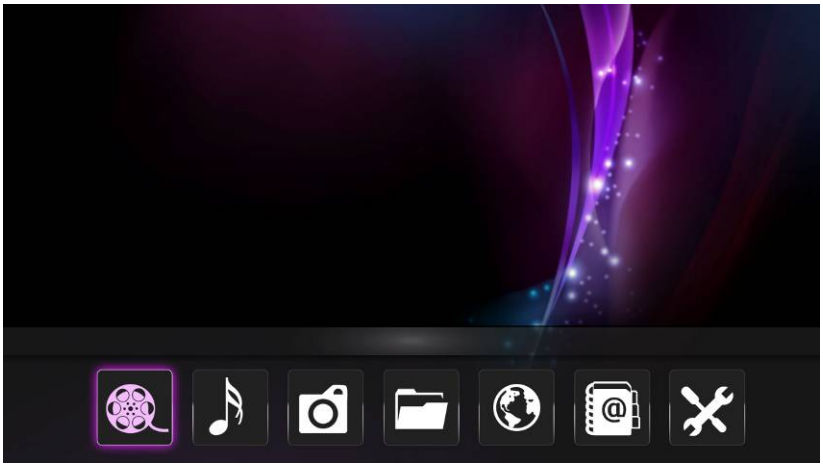
If you have recorded program and you want to play the recorded file. Please, follow these steps:

Play Video File

User can press 'OK' or 'Play' button to playback the video file.
During playback, you can press buttons:
'Left' to skip to the position after 10 sec.
'Right' to jump back to the position before 10 sec.
'FF' to fast forward 1.5x, 2x, 4x, 8x, 16x, 32x, 1x,…
'FR' to fast rewind 1x, 1.5x, 2x, 4x, 8x, 16x, 32x,1x,…
'Slow motion' to show down to 3/4x, 1/2x, 1/4x, 1/8x, 1x,…
"Next" to jump to the next section in video playing
'Previous' to jump to the previous section in video playing
'Zoom' to zoom in/out 2x, 3x, 4x, 8x
'Stop' or 'Return' to stop playing.

GUIDE MENU

As **Home Menu** that will introduce later, user can press 'Guide' button to come out menu items the same as Home Menu and select item will going to the specific features



When Guide Menu pop up, press 'the arrow 'Left' or 'Right' buttons to select item, press 'OK' to confirm.
If you want to leave DTV menu, you should select other menu items.

TV Option

User can press 'Option' button to pop up **Option** window, when system in TV mode. It have many functions can be used, described as follows.

Source - 'Option' button -> Source

In **Option** mode, select **Source** and press ‘OK’ button, it will change to **Video 1** source. User can also press ‘Source Switch’ button, which will does the same function.

EPG

‘Option’ button -> EPG
‘EPG’ is a hot key which does the same function.

REC

‘Option’ button -> REG
‘REC’ is a hot key which does the same function

Timeshift

‘Option’ button -> Timeshift
‘Timeshift’ is a hot key which does the same function

Video Setting

‘Option’ button -> Video Setting
This setting is to adjust the value of video feature.
Press ‘OK’ to pop up **Video Setting** window

Press ‘Up’ and ‘Down’ buttons to select item, press ‘Left’ or ‘Right’ buttons to adjust the value.

Subtitle

'Option' button -> Subtitle

'Subtitle' is a hot key which does the same function

If the DTV system doesn't support this subtitle format, it will do nothing.

Audio

'Option' button -> Audio

This item is used to change audio input source such as multi-language, stereo/mono…

'Audio' 'Subtitle' is a hot key which does the same function

Recording File

'Option' button -> REC_FILE

Timer

'Option' button -> Timer

Timer is a kind of scheduled recording, but **Timer** can record TV program as a cycle time by week, the setting methods are described below.

Entering the Time List

Press 'OK' to enter the Timer list,

Add New Project

Press **Add** ('Red') button shown in the bottom of the screen to add a project of scheduled recording, which will enter the **Edit** window,

1. In this **Edit** menu, you can press button continuously 'Red' to switch cycle mode:

- Once: Record only one time.

- Sun to Sat (One week): it records every day.

- Mon to Fri: it records from Monday to Friday a cycle by a week.

- Sun & Sat: it records every Sunday and Saturday.

- Sun: it records every Sunday.

- Mon: it records every Monday.

- Sat: it records every Saturday.

2. User can press 'Left' and 'Right' buttons to switch the date and time.

Press 'Up' and 'Down' to adjust the value, which are

- Source: you can choose **DTV1** or **Video 1** by pressing 'Up' and 'Down' button

- Year: It cannot adjust which fixed in this year.

- Month: This month or next month

- Day: you can adjust the day by pressing 'Up' and 'Down' button

- Start-Hour: start time hour adjustment by pressing 'Up' and 'Down' button

- Start-Min: start time minute adjustment by pressing 'Up' and 'Down' button

- End-Hour: End time hour adjustment by pressing 'Up' and 'Down' button

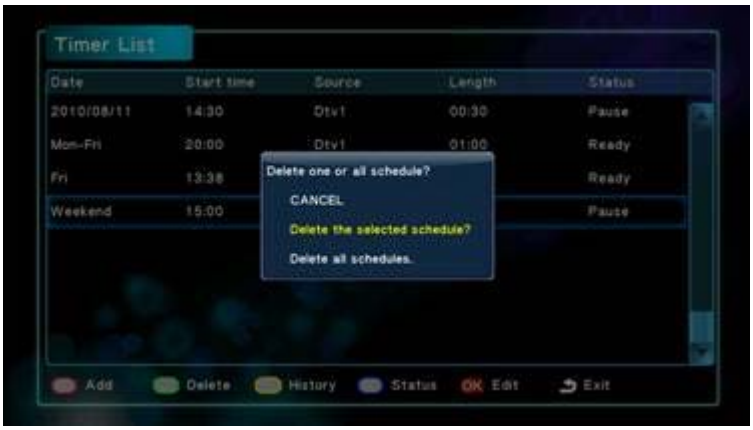
- End-Min: End time minute adjustment by pressing 'Up' and 'Down' button

3. If you finish the setting, press 'OK', a confirmation window will pop up select **CONFIRM** item and press 'OK' to confirm the setting.

4. Completing Confirmation will back to the **Time List,** it will add a new project of scheduled recording in the list**.**

Delete Project

User can press **Delete** (‘Green’) shown in the bottom of the screen to delete a project of scheduled recording, which will pop up a confirmation window.



You can select the items to make the action, which are as below

History of the Projects

User can press **History** (‘yellow’) button to view the history of the projects, it will enter the **History** menu to show the information.

Project Status

User can press **Status** (‘Blue’) to change the status, which are

- Ready – Normal status
- Pause – It will put on hold status.
- Lock – User cannot select this status, it is set by system when the time or date is not within the scope

Timer List
Date Start time Source Length Status
2010/08/11 14:30 Dtv1 00:30 Pause
Mon-Fri 20:00 Dtv1 01:00 Ready
Fri 13:38 Dtv1 01:00 Ready
Add Delete History Status OK Edit Exit

Edit Project

User can select a project to modify the content by press ‘OK’ button

Timer List
Date Start time Source Length Status
2010/08/11 14:30 Dtv16 00:30 Lock
2010/08/11 15:30 Dtv16 00:30 Lock
Mon-Fri 20:00 Dtv1 01:00 Ready
Fri 13:38 Dtv1 01:00 Pause
Add Delete History Status OK Edit Exit

Press ‘OK’ button will enter **Edit** menu to re-edit the specific project…

10. Appendixes

10.1 Specifications

I/O INTERFACES SUPORTED:

- 3.5'' SATA HDD (80Gb to 3Tb)
- USB 2.0 HOST port x 2 (compatible to USB 1.1)
- Memory Card slot (supports SD/SDHC/MMC/MS)
- USB 3.0 DEVICE port (connecting to PC)
- Composite (CVBS) A/V jack
- Component Y/Pb/Pr jack
- HDMI V1.3 interface
- S/PDIF coaxial & optical jack
- DC-IN 12V

FILE SYSTEM SURPORTED:

- FAT32/NTFS

CONTENT FORMATS SUPPORTED:

- Vídeo: MKV, TS, M2TS, MTS, TP, WMV,IFO, ISO, VOB, DAT, AVI, MPG, MP4, MOV, RM, RMVB, DIVX, XVID, FLV
- Audio : MP3, WMA, WAV, OGG, AAC, LPCM, FLAC, AC3, APE CUE
- Foto : JPG, JPEG, BMP, GIF, TIFF

VIDEO CODECS SURPORTED:

- MPEG-1
- HD MPEG-2
- HD MPEG-4 SP/ASP/AVC (H.264)
- WMV9 (VC-1)
- RealNetworks (RM/RMVB) 8/9/10, up to 720p

AUDIO CODECS SURPORTED:

- Mp3 / Mp2 / OGG Vorbis / APE - APE Cue /PCM / LPCM / AAC / RA

SUBTITLE FORMATS SURPORTED:

- SRT, SUB, SSA, SMI, IDX+SUB, PGS

NETWORK FEATURE

- 10/100/1000Mbps Auto-Negotiation Ethernet
- 802.11b/g/n WLAN, up to 300Mbps
-

Record Format (AV in)	
Video/DVB-T Rec.	Recorded Format: MPG DVB-T Record format: TS Resolution:720x576@25fps(PAL),720x480@30fps(NTSC) In AV in model:5 adjustable quality level: HQ/SP/LP/EP/SLP Support TV system: NTSC/PAL/SECAM
Audio Rec.	MP3(.mp3) 2 Channel: 16KHz,32Kbps24KHz,64Kbps32JHz,96Kbps

Hardware	
Video Output interface	HDMI, CVBS, Y/Pb/Pr(up to 720p/1080p)
Audio Output interface	Analog Stereo (L/R), S/PDIF, COAXIAL
USB 2.0 plug	1. USB Device*1 2. USB Host*2
Ethernet	Wired: 10M/100M/1000M
	Wireless: WI-FI n
DVB-T tunner	1. support digital MPEG4 ,H.264 DVB-T signal. 2. support 6MHZ, 7MHZ, 8MHZ channel DVB-T signal. 3. support Electronic Program Guide function (EPG) 4. Support TV progrem TTX function.
Card Reader	SD/MMC/MS
Storage format	Build-in 3.5”SATA HDD hard disk, 80GB-3TB FAT32/NTFS Support external SD/SDHC/MMC/MS card Support USB Storage
Voltage	power adapter: input:100～240V AC 50/60HZ, output:12V/3A
Dimension	190(H)*173(D)*65mm(W)
Language	English, Traditional Chinese, Japanese, Spanish, French, German, Italian, Korean, Dutch, Russian, Simple Chinese...

Note: The specifications and design of this product are subject to change without notice.

Description for details:

AVI	NTSC	PAL	G/Hour
HQ	4.945Mbps,720*480,30fbs	4.945Mbps,720*576,25fbs	2G
SP	3.428Mbps,720*480,30fbs	3.428Mbps,720*576,25fbs	1.5G
LP	2.528Mbps,720*480,30fbs	2.528Mbps,720*576,25fbs	1G
EP	1.691Mbps,352*240,30fbs	1.691Mbps,352*288,25fbs	0.7G
SLP	1.268Mbps,352*240,30fbs	1.268Mbps,352*288,25fbs	0.5G

10.2 Frequently Asked Questions

Question 1: When I try to disconnect the USB device, I keep on getting "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later." message, what should I do?

Answer:

Close any program that might be accessing data on the player, including Windows® Explorer. If it does not work, close all programs and wait for another 20 seconds, then try the green arrow icon again. If it still does not work, you should shut down the player and disconnect the USB cable.

Question 2:

I find new file names and folder names that I never created before or they have strange gibberish names.

Answer:

Most likely, the player's file allocation table (FAT) has been corrupted. This might be due to the player shutting down (due to low battery power) while reading or writing to your computer by the USB connection. Windows and Macintosh often write extra files to the hard disk such as finder.def or System volume info. These are normal and will not do any harm to the player.

Question 3: I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Answer:

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows® defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 4: My files have disappeared from the player.

Answer:

Make sure that you browse your files via the correct browser mode which means correct

filtered views such as Photos, Music, or Movies.

Question 5: During power on, why does the TV will have a short flashing, blue screen or screensaver?

Answer:

This is normal, when the system initializes, it will setup the corresponding parameters so it can output the correct video signal to the TV, during the initializing time, the TV will receive incorrect signals or the signals will not be stable and will cause the TV screen to flash, some TV's will treat this as no signal, and will display a blue screen or screensaver.

Question 6: Why when I switch to Y/Pb/Pr 480p, 576p, 720p, 1080i, and 1080p, does the TV screen display an unwatchable picture?

Answer:

Please check if your TV supports Y/Pb/Pr 480p, 576p, 720p, 1080i, and 1080p output, if your TV does not support, please use the A/V signal display instead, press the TV SYSYEM button on the remote control, then switch the TV's video input to NTSC or PAL.

Question 7: Why is there no sound on movie or music playback when using Y/Pb/Pr component output?

Answer:

Y/Pb/Pr output is a video output only, and does not include sound signals. When using Y/Pb/Pr output, please plug the A/V OUT or the S/PDIF jack to output sound.

Question 8: I cannot get SSID name, the screen always displays: 'Can't get any SSID!!'

Answer:

When the WLAN USB Adapter is connected to the player, it needs some time to get initialized. Please wait for about 1~2 minutes and try refreshing the SSID list again.

Question 9: I cannot see files shared on my computer via Browser->Network menu.

Answer:

Please check following items:

1) Connect the player to network and obtain an IP address first;
2) Please enable NetBIOS of TCP/IP on computer;
3) Please check your PC's firewall settings;
4) Please enable your PC's 'Guest' account;
5) Please share the folders which you wish to browse on your PC, and make sure that 'Everyone' or 'Guest' has the right to access.

Question 10: I configured everything correctly, but still cannot get the wireless network or UPnP function to work.

Answer:

Are you using a firewall such as Norton Internet Security, McAfee Personal Firewall, Zone Alarm, etc. or even the built-in firewall of Windows XP? (Don't forget that Service Pack 2 for Windows XP automatically upgrades your firewall and turn it on by default)

If you have a firewall, it may need to be configured or have exceptions created to allow you to see and communicate with the player on the network. To test if your firewall is preventing network communication (including PING and access shared folders), try disabling it to see if you can connect. If you can connect with the firewall disabled, you may need to add the player to the 'Trusted' list or configure the firewall for local intranet access. Worst-case, disable your firewall long enough to use the player, then enable it again when done.

Question 11: I am using the 802.11n Wi-Fi dongle with an 802.11n wireless router, why the speed is still 802.11g 54Mbps rather than 300Mbps?

Answer:

The IEEE 802.11n Draft standard prohibits using high throughput with WEP or TKIP as the unicast cipher. If you use these encryption methods (e.g. WEP, WPA-TKIP), your data rate will drop to 54 Mbps. You may contact the Access Point or router manufacturer to download the latest firmware, or try other encryption methods (WPA2-AES or WPA2-TKIP), or choose to configure an unsecured profile, but this option is not recommended.

Question 12: Where can I find .torrent files for BitTorrent download?

Answer:

A lot of torrent sites can be found on the Internet, such as The Pirate Bay, Isohunt.com, TorrentPortal.com, Mininova.org, etc. Please take care of the contents you're downloading and their usage, which might cause copyright infringements and violate the local laws.

10.3 Copyrights and Trademarks

Copyrights

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Trademarks

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All other trademarks are property of their respective holders.

10.4 Warranty

What your warranty *does not* cover:

-Acts of nature, such as fire, static discharge.

-Damage from unauthorized repair, alteration or accident.

-Damage from misuse or neglect.

-A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.

-Loss of customer's software, firmware, information, or memory data.

-Improper handling or installation.